

CLAIMS

1. A salt *(R)*-3-*N,N*-dicyclobutylamino-8-fluoro-3,4-dihydro-2*H*-1-benzopyran-5-carboxamide hydrogen tartrate.
- 5 2. A salt *(R)*-3-*N,N*-dicyclobutylamino-8-fluoro-3,4-dihydro-2*H*-1-benzopyran-5-carboxamide hydrogen (2*R,3R*)-tartrate.
- 10 3. The salt *(R)*-3-*N,N*-dicyclobutylamino-8-fluoro-3,4-dihydro-2*H*-1-benzopyran-5-carboxamide hydrogen (2*R,3R*)-tartrate monohydrate.
4. The salt according to any one of claims 1 to 3 in substantially crystalline form.
- 15 5. A pharmaceutical formulation containing, as active ingredient, the salt according to any one of claims 1 to 4 in association with a suitable diluent, excipient or an inert carrier.
6. A pharmaceutical formulation according to claim 5 for oral administration.
- 20 7. The salt according to any one of claims 1 to 4 for use in therapy.
8. The use of the salt according to any one of claims 1 to 4 in the manufacture of a medicament in the prevention or in the treatment of CNS disorders and related medical disturbances.
- 25 9. The use according to claim 8 in the manufacture of a medicament in prevention or in the treatment of 5-HT_{1A} receptor antagonist activity related CNS disorders and medical disturbances.

10. The use according to claim 9 in the manufacture of a medicament in the prevention or in the treatment of depression.

11. The use according to claim 9 in the manufacture of a medicament in the prevention or in the treatment of anxiety.

12. A method for the prevention or the treatment of CNS disorders and related medical disturbances comprising administration, to a host in need of such treatment, an effective amount of the salt according to any one of claims 1 to 4.

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13. A method according to claim 12 for prevention or the treatment of 5-HT_{1A} receptor antagonist activity related CNS disorders and medical disturbances.

14. A method according to claim 13 for the prevention or the treatment of depression.

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15. A method according to claim 13 for the prevention or the treatment of anxiety.

16. A process for the manufacture of the salt as defined in any one of claims 1 to 4 characterized by the following consecutive steps;

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i) dissolving (*R*)-3-*N,N*-dicyclobutylamino-8-fluoro-3,4-dihydro-2*H*-1-benzopyran-5-carboxamide in an appropriate solvent, optionally by heating,

ii) adding (*2R, 3R*)-, (*2S, 3S*)- or (*2R, 3S*)-tartaric acid, respectively, dissolved in an appropriate aqueous organic solvent or non-aqueous organic solvent,

iii) allowing the solution obtained to stand cold to crystallize,

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iv) optionally recrystallizing in an appropriate aqueous organic solvent, if a non-aqueous organic solvent is used in step ii), to obtain the salt defined in any one of claims 3 or 4.

17. A process for the manufacture of the salt as defined in claims 3 to 4 characterized by recrystallizing (*R*)-3-*N,N*-dicyclobutylamino-8-fluoro-3, 4-dihydro-2*H*-benzopyran-5-carboxamide hydrogen (2*R,3R*)-, (2*S,3S*)- or (2*R,3S*)-tartrate in an appropriate aqueous organic solvent.

18. A process according to any one of the claims 16 or 17, wherein the aqueous organic solvent is aqueous acetone.

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